

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe I am a joint inventor of the invention entitled:

**INTERNALLY CIRCULATING FLUIDIZED  
BED MEMBRANE REACTOR SYSTEM**

which is described and claimed in:

the attached specification.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge my duty to disclose information which is material to the patentability of this invention in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby appoint the following attorney(s) and/or agent(s), with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

<u>Name</u>	<u>Regn. No.</u>	<u>Name</u>	<u>Regn. No.</u>
Gerald O.S. Oyen	27,280	Gavin N. Manning	36,412
Blake R. Wiggs	29,505	George F. Kondor	40,477
Bruce M. Green	30,524	Craig A. Ash	48,228
David J. McGruder	32,375	Hilton W.C. Sue	51,325
Thomas W. Bailey	36,411		

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole  
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John Grace

Inventor's signature:

  
John Grace

Date:

Aug. 7, 2003

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Citizenship:

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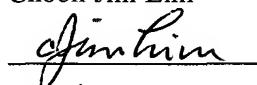
Mailing Address:

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Full name of  
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Choon Jim Lim

Inventor's signature:

  
Choon Jim Lim

Date:

Aug 5/2003

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Citizenship:

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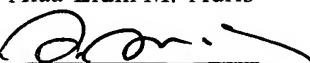
Mailing Address:

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Full name of  
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Inventor's signature:

  
Alaa-Eldin M. Adris

Date:

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Residence Address:

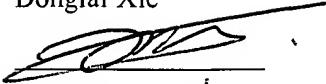
119 Eagle Pass  
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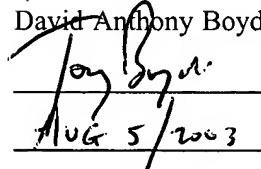
Citizenship:

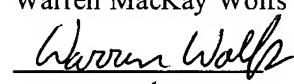
Egyptian

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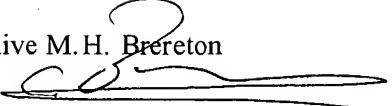
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Full name of  
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